

Please check the examination details below before entering your candidate information

Candidate surname

Other names

**Pearson Edexcel  
International GCSE**

Centre Number

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Candidate Number

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**Thursday 16 May 2019**

Morning (Time: 1 hour 30 minutes)

Paper Reference **4PA1/02**

**Pakistan Studies**

**Paper 2: The landscape, people and economy of  
Pakistan**

**You do not need any other materials.**

Total Marks

### Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided  
– *there may be more space than you need.*

### Information

- The total mark for this paper is 75.
- The marks for **each** question are shown in brackets  
– *use this as a guide as to how much time to spend on each question.*

### Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

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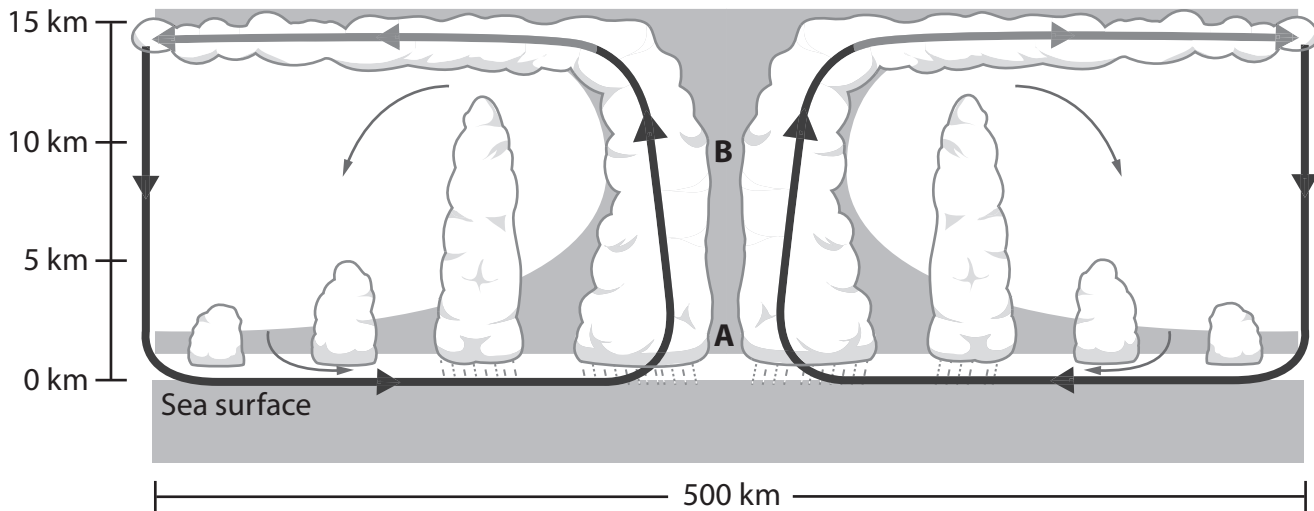
Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

**SECTION A: The Physical Environment**



Write your answers in the spaces provided.

You should aim to spend no more than 30 minutes on this section.

1 (a) Study Figure 1 which shows a cross section through a tropical cyclone.



**Key**

 Warm air  
 Cool air

**Figure 1**

(i) Identify feature A.

(1)

<input checked="" type="checkbox"/>	<b>A</b> Cloud bank
<input checked="" type="checkbox"/>	<b>B</b> Eye
<input checked="" type="checkbox"/>	<b>C</b> Converging air
<input checked="" type="checkbox"/>	<b>D</b> Sinking air

(ii) State **one** characteristic of a tropical cyclone found at B.

(1)



(b) State **two** factors that result in the formation of tropical cyclones.

(2)

1 .....

2 .....

(c) Explain **one** reason for the formation of the Indus Delta.

(3)

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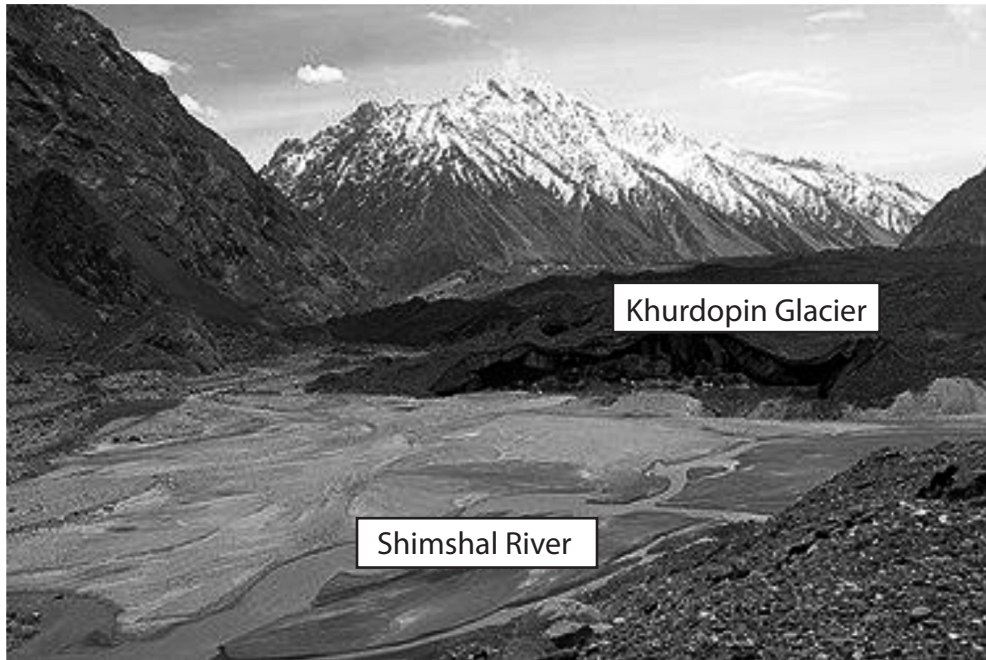
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(d) Study Figure 2 which shows the Khurdopin Glacier in northern Pakistan, 2017.



**Figure 2**

Suggest **two** reasons for the occurrence of glacial ablation (melting) in Pakistan.

(4)

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(e) Explain the processes leading to the formation of the Himalayan fold mountains.

(6)

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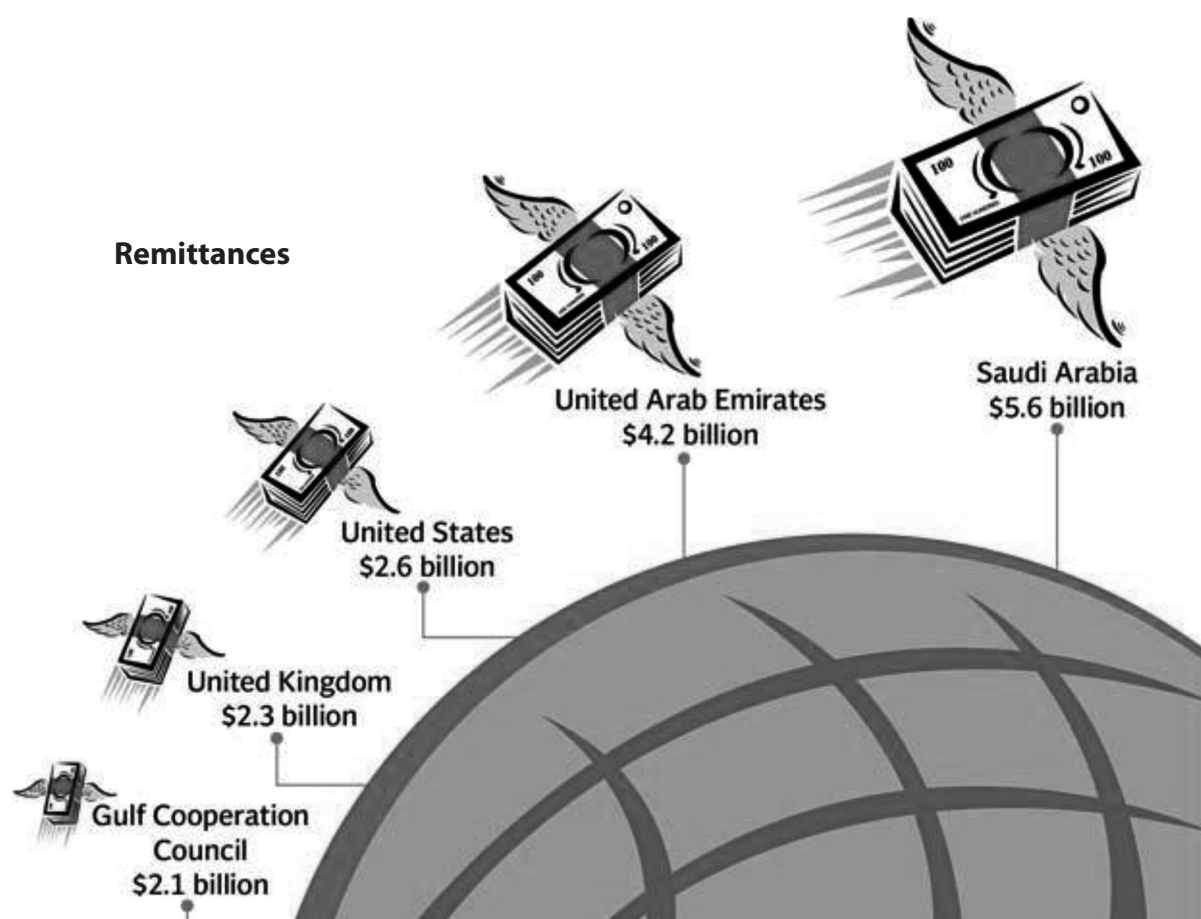
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**SECTION B: The Human Environment**

**You should aim to spend no more than 30 minutes on this section.**

- 2 (a) Study Figure 3 which gives information about the value of remittances to Pakistan in 2015.



(Source: <https://tribune.com.pk/story/920286/pakistan-pockets-remittances-amounting-to-18-4b/>)

**Figure 3**

- (i) Identify the total value of remittances.

(1)

<input type="checkbox"/>	<b>A</b> \$18.8 billion
<input type="checkbox"/>	<b>B</b> \$17.8 billion
<input type="checkbox"/>	<b>C</b> \$16.8 billion
<input type="checkbox"/>	<b>D</b> \$15.8 billion



(ii) Define the term **remittances**.

(1)

.....

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(b) Name **two** of Pakistan's most important manufactured imports.

(2)

1 .....

2 .....

(c) Explain **one** approach to managing food security in Pakistan.

(3)

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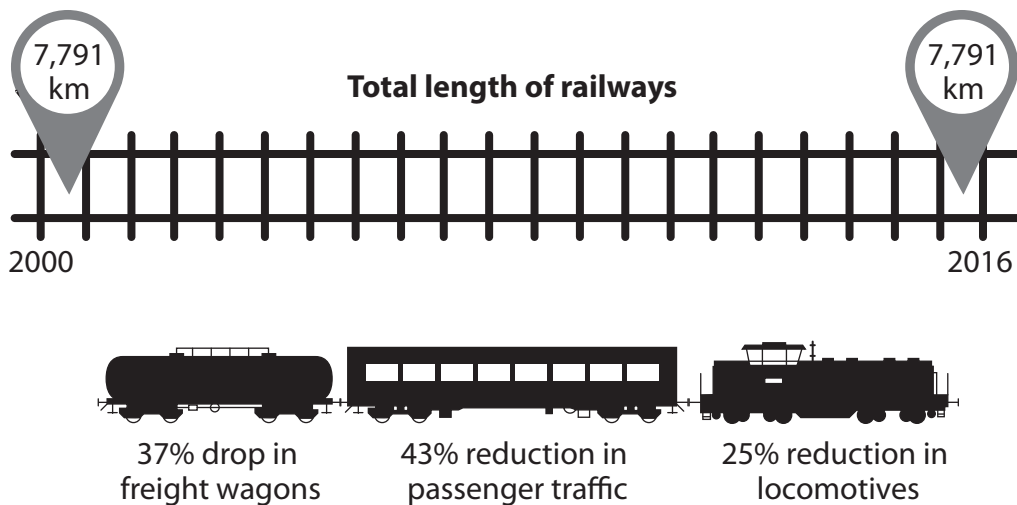
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(d) Study Figure 4 which gives information about Pakistan's railways.



(Source: © MIT Technology Review Pakistan)

**Figure 4**

Suggest reasons for the reductions in:

1. passenger traffic
2. the number of freight wagons in the years 2000 to 2016.

(4)

passenger traffic

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freight wagons

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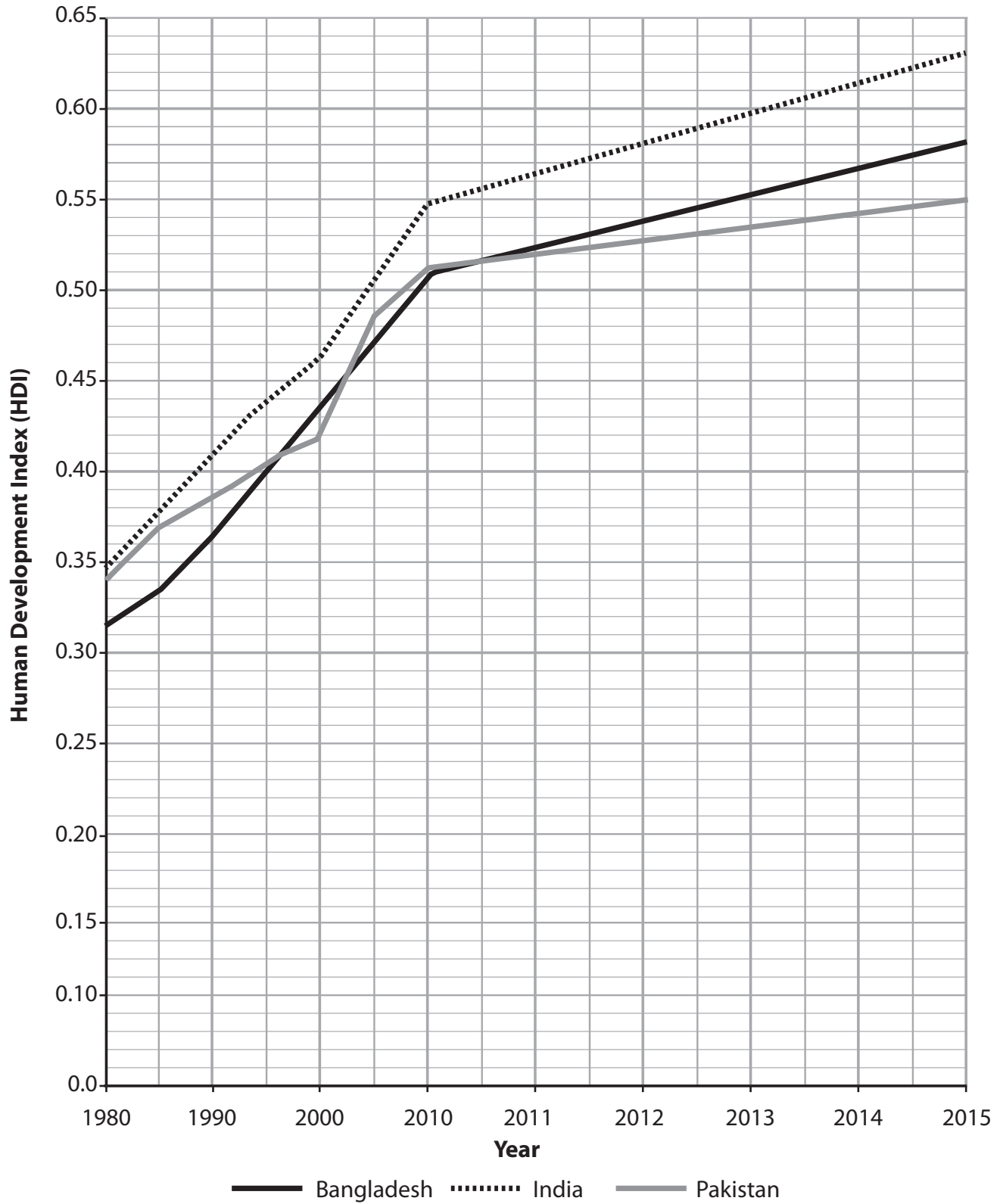


**SECTION C: Challenges for Pakistan**

**Write your answers in the spaces provided.**

**You should aim to spend no more than 30 minutes on this section.**

- 3 Study Figure 5 which shows trends in the Human Development Index (HDI) for three countries, 1980-2015.



**Figure 5**

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(a) (i) Identify the HDI value for Pakistan in 2000.

(1)

<input type="checkbox"/>	<b>A</b> 0.40
<input type="checkbox"/>	<b>B</b> 0.42
<input type="checkbox"/>	<b>C</b> 0.44
<input type="checkbox"/>	<b>D</b> 0.46

(ii) Calculate the difference in the HDI values for Pakistan and India in 2015.

(1)

.....

(iii) State **two** factors used in calculating HDI values.

(2)

1 .....

2 .....

(b) Explain **one** cause of recent global warming.

(3)

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(c) Study Figure 6 which shows subsistence agriculture in a rural area of Pakistan.



(Source: © Xinhua / Alamy Stock Photo)

**Figure 6**

Suggest **two** reasons why subsistence agriculture creates challenges for rural communities in Pakistan.

(4)

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2 .....

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(d) Explain why a rising sea level is a problem for Pakistan.

(6)

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**TOTAL FOR SECTION C = 25 MARKS**  
**TOTAL FOR QUESTION PAPER = 75 MARKS**

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**Pearson Education Ltd. gratefully acknowledges all the following sources used in the preparation of this paper:**

**Figure 1** - Source from: [www.international.gc.ca/cil-cai/assets/images/cil-cai/images/maps-cartes/eng/bd.gif](http://www.international.gc.ca/cil-cai/assets/images/cil-cai/images/maps-cartes/eng/bd.gif)

**Figure 2** - Source from: <https://en.wikipedia.org/wiki/Glaciology>

**Figure 5** - Source from: <http://hdr.undp.org/sites/default/files/Country-Profiles/PAK.pdf>

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